



1. COMPOSITION/INFORMATION ON INGREDIENTS

| CHEMICAL NAME | COMMON NAME | CAS# | OSHA PERMISSIVE EXPOSURE LIMIT | ACHIH TLV | PERCENT | Carcinogen (Y/N) |
|--|-----------------------|------------|--------------------------------|-----------|---------|------------------|
| AL ₂ O ₃ | Aluminum Oxide | 1344-28-1 | 15mg/M3 | 10mg/M3 | 10 – 75 | N |
| SiC | Silicon Carbide | 409-21-2 | 15mg/M3 | 10mg/M3 | 10 – 75 | N |
| AL ₂ O ₃ -ZrO ₂ | Alumina Zirconia | 1314-23-4 | 15mg/M3 | 10mg/M3 | | N |
| Na ₃ AlF ₆ | Cryolite | 15096-52-3 | N/A | N/A | | N |
| KBF ₄ | Potassium Floroborate | 14075-53-7 | N/A | N/A | | N |
| | Cured Phenolic Resin | 60304-36-1 | N/A | N/A | 5 – 45 | N |
| CaO | Calcium Oxide | 1305-78-8 | 2mg/M3 | N/A | 0 – 30 | N |
| Zn(C ₁₈ H ₃₂ O ₂) ₂ | Zinc Stearate | 557-05-1 | N/A | 10mg/M3 | | N |
| | Fibreglass | | | | 5 – 40 | |

Includes clean and finish, cut and polish, metal blending, high strength, light deburring, woodworking, multiflex

2. PHYSICAL DATA

Boiling Point: N/A Vapor Pressure N/A
 Vapor Density: N/A Evaporation Rate N/A
 Solubility In Water: N/A Specific Gravity: N/A
 Percent Volatile: N/A PH: N/A
 Viscosity: N/A Melting Point N/A

APPEARANCE AND ODOUR:

Nonwoven fibrous handpad impregnated with abrasive particles which are bonded together with cured resinous binders.

Olympic Fixing Products Ltd
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3. HAZARDS IDENTIFICATION / HEALTH HAZARD DATA

Not applicable

Abrasives are not dangerous substances or preparations.

EYE CONTACT:

Eye contact is not expected to occur during normal use of the product.

Mechanical eye irritation: signs/symptoms can include irritation, redness, scratching of the cornea and tearing.

Dust created by cutting, grinding, sanding, or machining may cause eye irritation.

SKIN CONTACT:

No adverse health effects are expected from skin contact.

Mechanical skin irritation: signs/symptoms can include itching and redness.

INHALATION:

No adverse health effects are expected from inhalation exposure.

Dust from cutting, grinding, sanding or machining may cause irritation of the respiratory system.

INGESTION:

Ingestion is not a likely route of exposure to this product.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

No hazardous decomposition products are expected during normal use of this product. However, during flaming conditions or excessive heating the following may be emitted: carbon monoxide, carbon dioxide, oxides of nitrogen, cyanides, formaldehyde.

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4. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

Not applicable.

RECOMMENDED DISPOSAL:

Incinerate in an industrial or commercial facility. Dispose of waste product in a sanitary landfill.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: N/A

VOC Less H₂O & Exempt Solvents: N/A

Since regulations vary, consult applicable regulations or authorities before disposal.

5. EXPOSURE CONTROL AND LIMITATIONS

EXPOSURE CONTROL AND LIMITATIONS OF THE WORK ENVIRONMENT

Observe the regional official regulations for dust

RESPIRATORY PROTECTION: Use respiratory equipment

(type depends on specific application and material being ground)

HAND PROTECTION: Wear protective gloves

(type depends on specific application and material being ground)

EYE PROTECTION: Wear protective goggles or face shield

(type depends on specific application and material being ground)

HEARING PROTECTION: Use hearing protection

(type depends on specific application and material being ground)

BODY PROTECTION: Use protective clothing

(type depends on specific application and material being ground)

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6. FIRST AID MEASURES

INHALATION: If signs/symptoms occur, remove person to fresh air. If signs/symptoms continue, call a physician.

EYE CONTACT: Immediately flush eyes with large amounts of water. Get immediate medical attention.

SKIN CONTACT: Wash affected area with soap and water.

INGESTION: Not likely, due to the form of the product
If necessary contact physician

OTHER FIRST AID INFORMATION:

All first aid statements refer to exposure of dust created by cutting, sanding or grinding.

7. FIRE FIGHTING MEASURES

Toxic fumes may occur. Use respiratory protective equipment.

EXTINGUISHING MEDIA: water, foam, sand, powder or CO₂ as appropriate for surrounding materials

SPECIAL FIRE FIGHTING PROCEDURES:

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

8. ACCIDENTAL RELEASE MEASURES

Not applicable.

9. HANDLING AND STORAGE

Follow instructions and the relevant national regulations. In addition, observe the safety recommendations of the manufacturer.

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10. STABILITY AND REACTIVITY

STABILITY

Bonded Abrasives are stable when handled or stored

REACTIVITY

10.1 CONDITIONS TO AVOID:

No decomposition in normal storage.

10.2 MATERIALS TO AVOID:

No dangerous reactions known.

10.3 HAZARDOUS DECOMPOSITION PRODUCTS:

At temperatures exceeding 250°C hazardous or toxic decomposition products may be generated

11. TOXICOLOGICAL INFORMATION

No toxicological effects if inhaled or swallowed or with eye or skin contact are known.

12. ECOLOGICAL INFORMATION

12.1 ECOTOXICITY: no effects known

12.2 MOBILITY: no potentials known

12.3 PERSISTENCE AND DEGRADABILITY: no biodegradable potentials known

12.4 BIOACCUMULATIVE POTENTIAL: no potentials known

12.5 OTHER HAZARDOUS EFFECTS: no effects known

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13. DISPOSAL CONSIDERATIONS

13.1. PRODUCT

Follow national and regional regulations!

Due to the ingredients (sum concentration under the limit) disposal as non hazardous waste is possible if no hazardous materials are added to the abrasives. Due to the ingredients (sum concentration above the limit) disposal as hazardous waste.

13.2. PACKING

Follow national and regional regulations!

14. TRANSPORT INFORMATION

The product is not covered by international regulation on the transport of dangerous goods.

15. REGULATORY INFORMATION

No specific marking requirements under respective EC directives

16. OTHER INFORMATION

The above information is based on our current standard of knowledge and does not constitute any warranty of conditions of the product. The information does not form part of any contractual agreement. It remains the user's responsibility to adhere existing laws and regulations.

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